

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-066199

(43)Date of publication of application : 03.03.2000

(51)Int.CI. G02F 1/1335
G09F 9/30
G09F 9/35

(21)Application number : 11-100295

(71)Applicant : SEIKO EPSON CORP

(22)Date of filing : 07.04.1999

(72)Inventor : MAEDA TSUYOSHI
OKUMURA OSAMU
OKAMOTO EIJI
SEKI TAKUMI

(30)Priority

Priority number : 10096497

Priority date : 08.04.1998

Priority country : JP

10160866

09.06.1998

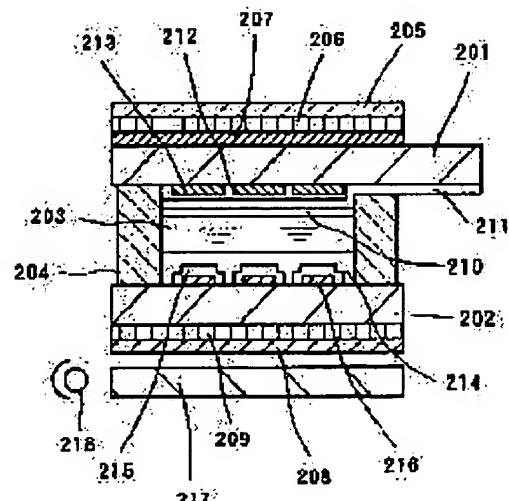
JP

(54) LIQUID CRYSTAL DEVICE AND ELECTRONIC EQUIPMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To realize a picture display with high quality both in a reflection mode display and in a transmission mode display, with a comparatively simple device constitution and without generating any double image due to parallax or blotting of image in a liquid crystal device which is convertible between the reflection mode display and in the transmission mode display.

SOLUTION: When a backlight 218 is turned on in dark surroundings a light from a light source passes through gaps between reflection layers 216 via a polarizing plate 208 or the like to realize a transmission display. An incident external light via a polarizing plate 205 or the like in bright surroundings is reflected on the reflection layers 216 to realize a reflective display. On the reflection layers 216 transparent electrodes 215 with sizes a little larger than theirs are formed and the light from the light source which passes through gaps between reflection layers 216 is transmitted through parts of the transparent electrodes 215 swollen out from the reflection layers 216.



LEGAL STATUS

[Date of request for examination] 13.04.2004

[Date of sending the examiner's decision of 03.08.2004]